

# NETS

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## PRESENTATION

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### HOW TO CHOOSE A NET?

#### ● Metalu-Plast offers 3 materials for its nets:

##### **Polyethylene (PE)**

- For indoor and outdoor use
- Material highly resistant to U.V
- Nets mostly with knots for better implementation and maintenance of the net

##### **Polypropylene (PP)**

- For indoor and outdoor use
- Material resistant to U.V
- Nets more flexible, without knots

##### **Polyamide (PA)**

- For indoor use only
- Fine-mesh nets for badminton practice

### BRAIDED OR TWISTED?

#### **Wire (polyethylene) cable**

- The strands are «twisted» to make the wire
- Nets with knots with a maximum diameter of 2.5 mm
- For training and practice leisure

#### **Wire (polyethylene) braided**

- The strands are braided to compose the wire
- The braided-wire can be easily knotted, and to the desired diameter (up to 4 mm).
- The braided mesh has a greater flexibility than the cable net
- For the competition, intense practice, training, practice leisure

### SINGLE MESH OR DOUBLE?

The double mesh exists for 2 mm Polyethylene cable nets (for football), or for the first 6 rows of tennis nets ( $\varnothing_{\text{net}} < 4$  mm). The double mesh offers higher resistance to shock than a single mesh.

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## BADMINTON / BASKETBALL

### BADMINTON

#### ◆ SPECIFICATIONS:

- Polyamide 19 mm mesh
- Dimensions: 6020 mm length x 760 mm height
- 39.5 mm Bottom strip
- For the competition, the posts must be standardized with his net
- Brown color



Ref. 112BA524 - 112BA525



Ref. 112BA520



Ref. 112BA526

Level	Reference	Yarn (mm)	Bottom strip	Peripheral strip	Other information
Competition	<b>112BA526</b>	1,6	PVC	PVC	With framing bar
Training	<b>112BA525</b>	1,6	PVC	Coton	
School/Recreational	<b>112BA524</b>	1,2	PVC	Coton	
Recreational	<b>112BA520</b>	1,2	PVC	PVC and coton	Sold by meter

### BASKETBALL

Product	Reference
Polypropylene basketball net Ø 5 white	<b>112BB0002</b>
Polypropylene basketball net Ø 5 white	<b>112BB0003</b>



Ref. 112BB0002

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## FOOTBALL

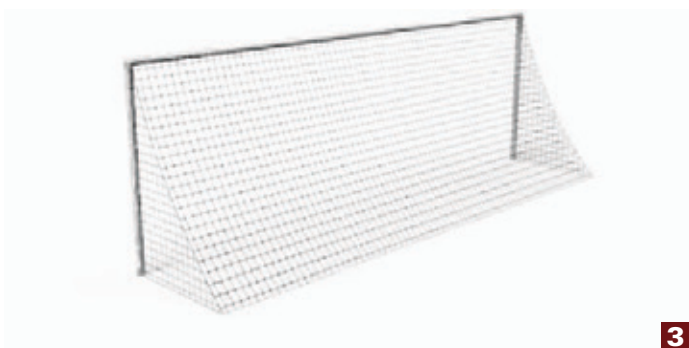
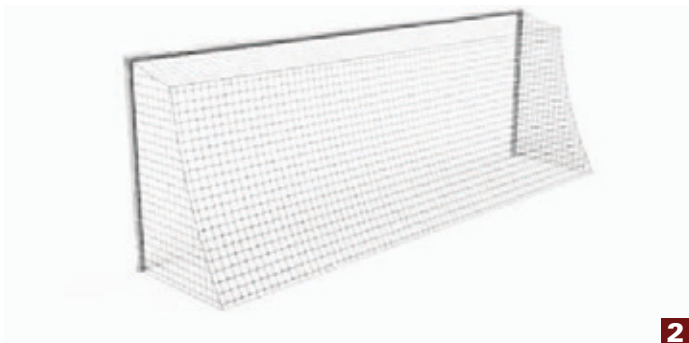
### FOOTBALL

#### ◆ 2 DIMENSIONS (SEE OPPOSITE PAGE):

- For 8-a-side football players
- For 11-a-side football players

#### ◆ 3 forms (see below):

- 1 European form (rectangular).
- 2 Trapezoid form.
- 3 Triangular form if goals have not rear mats for net tension.



#### INFORMATION

Net supplied with tensioning cords already mounted

#### ◆ Mesh (see below):

- 120 mm European norm (European norm) or 145 mm.
- Simple or double, from 2 to 4 mm.
- Black, green, white.

#### ◆ 2 fixing system:

- Integrated net in the profile, « STAR » version.
- Net fixed with hooks.

#### ◆ Nets sold by pair



Mesh 120 mm without knots



PE twisted 2 mm single mesh



PE twisted 2 mm double mesh



PE braided 3 mm single mesh



PE braided 3 mm single mesh - GREEN



PE braided 4 mm single mesh

## 11-A-SIDE FOOTBALL NETS

	Net type (1)	With knots/ Knotless	Mesh	Colors	Ref. Nets with hooks		Ref. Integrated nets	
					Mesh 145 mm	120 mm mesh (European Norm)	120 mm mesh (European Norm)	
<b>Trapezoidal form</b>								
Fixe goals	PE Twisted	With knots	Ø2 mm – Double mesh	Black	<b>112FB1182N</b>			
	PE Braided	With knots	Ø4 mm – Simple mesh	Black	<b>112FB140N</b>			
	PP	Knotless	Ø4 mm – Simple mesh	Black		<b>112FBBULL106N</b>		
	<b>«European» rectangular form</b>							
	PE Braided	With knots	Ø3 mm – Simple mesh	Black-White	<b>112FB130E(N/W)</b>		<b>112FB130ENE-S</b>	
	PE Braided	Knotless	Ø3 mm – Simple mesh	Black		<b>112FBBULL101N</b>	<b>112FBBULL101N-S</b>	
	PE Braided	With knots	Ø4 mm – Simple mesh	Black-White	<b>112FB140E(N/W)</b>	<b>112FB140E (NE/WE)</b>	<b>112FB140ENE-S</b>	
	PE Braided	With knots	Ø4 mm – Simple mesh - PVC reinforcement side + back	White		<b>112FB18245W</b>	<b>112FB18245W-S</b>	
	PP	Knotless	Ø4 mm – Simple mesh	White			<b>112FBBULL102W-S</b>	
	PE Braided	Knotless	Ø4 mm – Simple mesh honeycomb	White		<b>112FB142EW</b>		
<b>Trapezoidal form</b>								
Transportable goal	PE Braided	With knots	Ø3 mm – Simple mesh	Black	<b>112FB139XN</b>			

## 8-A-SIDE FOOTBALL NETS

	Net type (1)	With knots/ Knotless	Mesh	Colors	Ref. Nets with hooks		Ref. Integrated nets
					Mesh 145 mm	Mesh 120 mm (European Norm)	Mesh 120 mm (European Norm)
<b>European Form</b>							
Fixe or folding goals	PP	Knotless	Ø3 mm – Simple mesh	Black			<b>112FBBULL107N-S</b>
<b>Trapezoidal form</b>							
Fixe goals	PE Twisted	With knots	Ø2 mm – Simple mesh	Black	<b>112FB110XN</b>		
	PE Twisted	With knots	Ø2 mm – Double mesh	Black	<b>112FB1102XN</b>		
	PE Braided	With knots	Ø3 mm – Simple mesh	Black	<b>112FB113XN</b>		
	PP	Knotless	Ø3 mm – Simple mesh	Black		<b>112FBBULL108N</b>	
	PP	Knotless	Ø4 mm – Simple mesh	Black		<b>112FBBULL109N</b>	
	PE Braided	With knots	Ø4 mm – Simple mesh	Black	<b>112FB114XN</b>		
Folding goals	PE Braided	With knots	Ø3 mm – Simple mesh	Black	<b>112FB107N</b>	<b>112FB107NE</b>	
	PE Braided	Knotless	Ø3 mm – Simple mesh	Green		<b>112FBBULL111V</b>	
Transportable goal	PE Braided	With knots	Ø3 mm – Simple mesh	Black	<b>112FB109XN</b>	<b>112FBBULL111</b>	
<b>Triangular form</b>							
Fixe goals	PE Braided	With knots	Ø3 mm – Simple mesh	Black	<b>112FB108N</b>		

## SPECIFIC FOOTBALL GOALS SINGLE MESH, 100 MM, GREEN, CPE

- Foot 3 X 2 m - **Ref. 112FB2003.**
- Foot 4 X 2 m - **Ref. 112FB2004.**
- Foot 5 X 2 m - **Ref. 112FB2005.**
- Foot 6 X 2 m - **Ref. 112FB2006.**

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## HANDBALL / HOCKEY

### HANDBALL

- 100 mm mesh (norm) or 120 mm
- Single or double, from 2 to 5 mm (norm)
- Black net
- The bottom-weighted damper net must have the same mesh and the same color as the goal net (standard)
- Nets sold by pair

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Reference	Mesh	Diameter	Material <sup>(1)</sup>	Color
<b>112HB218N</b>	Simple 120 mm	Ø 2 mm	CPE	Black
<b>112HB240N</b>	Simple 100 mm	Ø 4 mm	TPE	Black
<b>112HBBULL201N</b>	Simple 100 mm Knotless	Ø 4 mm	TPE	Black
<b>112HB230N</b>	Simple 100 mm	Ø 3 mm	TPE	Black
<b>112HBBULL200N</b>	Simple 100 mm Knotless	Ø 3 mm	TPE	Black

### BOTTOM-WEIGHTED DAMPER NET

Reference	Mesh	Diameter	Material <sup>(1)</sup>	Color
112HBBULL203N	Simple 100 mm	Ø 4 mm	PP	Black
112HBBULL257N	Simple 100 mm With knots	Ø 4 mm	TPE	Black

### MINI HANDBALL NET

Reference	Mesh	Diameter	Material <sup>(1)</sup>	Color
<b>112HB210N</b>	Simple 120 mm	Ø 2 mm	TPE	Black

### HOCKEY

- **Field hockey**  
Polypropylene net with mesh 45 mm, thread Ø 4 mm  
**Ref. 112HKBULL500N.**
- **Rink hockey**  
Polypropylene net with mesh 45 mm, thread Ø 3 mm  
**Ref. 112HKBULL502V.**
- **Street hockey**  
Green polypropylene net with mesh 48 mm, thread Ø 3 mm  
**Ref. 112HK0155.**
- **Nets sold by pair**



PE twisted 2 mm  
single mesh



PE twisted 2 mm  
double mesh



PE braided 3 mm  
single mesh



PE braided 4 mm  
single mesh



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## TENNIS

### TENNIS

- Standard dimensions: 12.7 x 1.06 m
- Cable length 13.50 m
- 48 mm mesh for leisure, 45 mm mesh for training and competition
- Double mesh for the first 6 rows to ensure the strength of the net.
- Black net
- Net sold by unit

Reference	Mesh	Material <sup>(1)</sup>	Headband	Side and bottom reinforcement
<b>Knotted nets, supplied with adjuster</b>				
Simple mesh				
<b>112TN3300PN</b>	3 mm	TPE	Woven headband	PVC reinforcement
<b>112TN3300N</b>	3 mm	TPE	Woven headband	
<b>112TN318N</b>	2 mm	CPE	PVC headband	
6 rows of double mesh under headband				
<b>112TN3302PN</b>	3 mm	TPE	Woven headband	PVC reinforcement
<b>112TN3302N</b>	3 mm	TPE	Woven headband	
<b>112TN3182N</b>	2 mm	CPE	PVC headband	
<b>Knotless nets, supplied without adjuster</b>				
<b>112TNBULL301N</b>	3 mm	PP	PVC headband	PVC side reinforcement, bottom overlapped
<b>112TNBULL300N</b>	3 mm	PP	PVC headband	Overlock

### SHORT TENNIS - SINGLE MESH 48 MM - THREAD 2 MM

- Length 8 m - **Ref. 112TN3858.**
- Length 6 m - **Ref. 112TN3856.**
- Length 3 m - **Ref. 112TN3853.**

### ACCESSORIES

- Velcro adjuster, steel loop - **Ref. TN080306.**
- Replacement wire, length 13.5 m - **Ref. TN080310.**



(1) TPE: braided polyethylene net - CPE: twisted polyethylene net - PP: polypropylene net

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## VOLLEY / BEACH SPORTS

### COMPETITION VOLLEYBALL

- Class A and B standard: black mesh with upper, bottom and side white stripes. Levelling rods should be provided
- Mesh: 100 mm, white PVC headband
- Net sold by unit

#### ● Specifications:

- Size: 9.50 m x 1 m.
- Sheathed steel cable 5 mm.
- Headband: White PVC, width 70 mm, tensioning cord at the bottom.
- 50 mm tape around the edge.
- Side strips: Attached to the headband and bottom strip with VELCRO® to enable precise positioning above the court lines.
- Polyethylene 3 mm braided.
- Metal bar frame.

#### ● Nets references:

- Steel cable 12.15 m long - **Ref. 112VB437N.**
- With snap hook (10.30 m long between the snap hook) **Ref. 112VB438N.**



Ref. 112VB437N



### TRAINING AND SCHOOL VOLLEYBALL

#### NETS WITH « CORD TENSIONING SYSTEM »

##### ● Specifications:

- Polyethylene 2mm twisted.
- Headband: White PVC, width 40 mm, tensioning cords top and bottom.
- 1 net reference:
- Net 9.5 m x 0.9 m - **Ref. 112VB415N.**

#### NETS WITH CABLE TENSIONING SYSTEM

##### ● Specifications:

- Size: 9.50 m x 1 m.
- Sheathed steel cable 5 mm, 12.15 m long and 10.30 m long for reference with snap hook.
- Headband: white PVC, width 50 mm, tensioning cord at the bottom.

##### ● 3 net references:

- 2 mm CPE twisted - **Ref. 112VB418N.**
- 3 mm TPE twisted - **Ref. 112VB430N.**
- 3 mm PP twisted - **Ref. 112VBBULL401N.**

### BEACH SPORTS

#### ● Leisure beach volleyball

Recommended net  
**Ref. 112VB40415.**

#### ● Competition beach volleyball

Recommended net: yellow edge tape  
**Ref. 112VB40439.**

#### ● Tennis beach

Polypropylene net mesh 45 mm thread  
Ø 2.3 mm black, fluorescent yellow edge tape  
**Ref. 112TN0105.**

#### ● Beach Soccer

2 TPE nets mesh 145 mm thread Ø 3 mm  
White **Ref. 112FB106XW,**  
Black - **Ref. 112FB106XN.**

#### ● Sand Ball

Polypropylene net with mesh 100 mm,  
thread Ø 3 mm black  
**Ref. 112HBBULL200N.**